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 GB IE

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(54) Laryngeal Mask Airway Device with Position Controlling Tab

A laryngeal mask airway device (100), comprising an inflatable cuff (334), the cuff (334) defining a central opening (340) at least when inflated, the cuff (334) being insertable through a mouth of a patient to an inserted location within the patient, the cuff (334) surrounding a glottic opening (212) of the patient when inflated and at the inserted location; an airway tube (110) extending from a proximal end (114) to a distal end, the airway tube (110) defining an internal passage, a sealed airway passage extending from the proximal end (114) of the tube (110) through the internal passage to the glottic opening (212) when the cuff (334) is inflated and at the inserted location; and means (710) to detect the condition or shape of the device (100) and to control the shape of the device (100), said means (710) allowing the device (100) to assume the fully inserted condition.

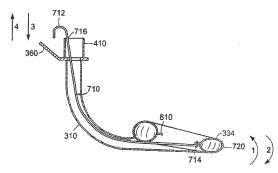


FIG. 11



EUROPEAN SEARCH REPORT

Application Number EP 10 15 0123

		ERED TO BE RELEVANT		
Category	Citation of document with ir of relevant pass	ndication, where appropriate, ages	Relevan to claim	t CLASSIFICATION OF THE APPLICATION (IPC)
Х	US 5 937 860 A (COC 17 August 1999 (199		1	INV. A61M16/04
Υ		7, line 36;	2-4,12	
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A	21 December 1999 (1	UNTA BOONCHUAY [US]) .999-12-21) 3 - column 5, line 37;	1	
A	3 April 2003 (2003-	SNIADACH JOSEPH A [US 04-03) - paragraph [0059];]) 1	
A	10 July 2001 (2001-	TTKIEWICZ EDWARD P [US -07-10)) - column 7, line 36;]) 12	TECHNICAL FIELDS SEARCHED (IPC) A61M
Α	US 2002/108610 A1 ([US]) 15 August 200 * paragraph [0047] figures 8-10 *		13	
	The present search report has	<u> </u>		
	Place of search	Date of completion of the search		Examiner
	The Hague	25 November 20	13 Z	einstra, Hilaire
X : parti Y : parti docu	ATEGORY OF CITED DOCUMENTS cularly relevant if taken alone cularly relevant if combined with anotiment of the same category nological background	E : earlier patent after the filing her D : document cit L : document cite	ed in the application and for other reason	ublished on, or on



Application Number

EP 10 15 0123

CLAIMS INCURRING FEES
The present European patent application comprised at the time of filing claims for which payment was due.
Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):
No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.
LACK OF UNITY OF INVENTION
The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:
see sheet B
All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims: 1-4, 12, 13
The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



LACK OF UNITY OF INVENTION SHEET B

Application Number

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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-4, 12, 13

Laryngeal mask airway device with a rod. (Problem: to control the shape of the device when inserted into the patient)

2. claims: 1, 5-10

Laryngeal mask airway device with a tab at the proximal end. (Problem: to reduce the likelihood that regurgitated material will be aspirated into the patient's lung)

3. claims: 1, 11

Laryngeal mask airway device with an oblong cross section of the airway tube. $% \left(1\right) =\left(1\right) \left(1\right) +\left(1\right) \left(1\right) \left(1\right) +\left(1\right) \left(1\right) \left$

(Problem: to prevent the airway tube from collapsing)

4. claims: 1, 14, 15

Laryngeal mask airway device with an epiglottis support flange.

(Problem: to prevent the epiglottis from blocking the airway

passage)

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 10 15 0123

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

25-11-2013

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FORM P0459

 $\stackrel{\circ}{\mathbb{H}}$ For more details about this annex : see Official Journal of the European Patent Office, No. 12/82